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Amendments to the Claims:

Claims 1-7 (Canceled)

- 8. (Original) A compound or salt that is selected from the following compounds and their pharmaceutically acceptable salts:
- 6-[2-(4-benzo[d]isoxazol-3-yl-piperazin-1-yl)-ethyl]-4-methyl-3,4-dihydro-1H-quinolin-2-one;
- 6-[2-(4-benzo[d]isoxazol-3-yl-piperazin-1-yl)-ethyl]-4S-methyl-3,4-dihydro-1H-quinolin-2-one;
- 6-[2-(4-benzo[d]isoxazol-3-yl-piperazin-1-yl)-ethyl]-4R-methyl-3,4-dihydro-1H-quinolin-2-one;
- 6-[2-(4-benzo[d]isoxazol-3-yl-piperazin-1-yl)-ethyl]-1,4-dimethyl-3,4-dihydro-1H-quinolin-2-one;
- 6-[2-(4-benzo[d]isoxazol-3-yl-piperazin-1-yl)-ethyl]-4,4-dimethyl-3,4-dihydro-1H-quinolin-2-one;
- 6-[2-(4-benzo[d]isoxazol-3-yl-piperazin-1-yl)-ethyl]-1,4,4-trimethyl-3,4-dihydro-1H-quinolin-2-one;
- 6-[2-(4-benzo[d]isothiazol-3-yl-piperazin-1-yl)-ethyl]-4,4,8-trimethyl-3,4-dihydro-1H-quinolin-2-one;
- 6-[2-(4-benzo[d]isoxazol-3-yl-piperazin-1-yl)-ethyl]-3-methyl-3,4-dihydro-1H-quinolin-2-one;
- 6-[2-(4-benzo[d]isoxazol-3-yl-piperazin-1-yl)-ethyl]-3,3-dimethyl-3,4-dihydro-1H-quinolin-2-one;
- 6-[2-(4-benzo[d]isoxazol-3-yl-piperazin-1-yl)-ethyl]-3,4-dimethyl-3,4-dihydro-1H-quinolin-2-one;
- 6-[2-(4-benzo[d]isoxazol-3-yl-piperazin-1-yl)-ethyl]-1,3,3,4,4-pentamethyl-3,4-dihydro-1H-quinolin-2-one;

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- 6-[2-(4-benzo[d]isoxazol-3-yl-piperazin-1-yl)-ethyl]-3,3,4-trimethyl-3,4-dihydro-1H-quinolin-2-one;
- 6-{2-[4-(1H-indazol-3-yl)-piperazin-1-yl]-ethyl}-4-methyl-3,4-dihydro-1H-quinolin-2-one;
- 6-{2-[4-(1H-indazol-3-yl)-piperazin-1-yl]-ethyl}-4,4-dimethyl-3,4-dihydro-1H-quinolin-2-one;
- 6-{2-[4-(1H-indazol-3-yl)-piperazin-1-yl]-ethyl}-3-methyl-3,4-dihydro-1H-quinolin-2-one;
- 6-{2-[4-(1H-indazol-3-yl)-piperazin-1-yl]-ethyl}-3,3-dimethyl-3,4-dihydro-1H-quinolin-2-one;
- 6-{2-[4-(1H-indazol-3-yl)-piperazin-1-yl]-ethyl}-3,4-dimethyl-3,4-dihydro-1H-quinolin-2-one;
- 6-[2-(4-benzo[d]isothiazol-3-yl-piperazin-1-yl)-ethyl]-1,3,3,4,4-pentamethyl-3,4-dihydro-1H-quinolin-2-one;
- 6-[2-(4-benzo[d]isothiazol-3-yl-piperazin-1-yl)-ethyl]-3,3,4-trimethyl-3,4-dihydro-1H-quinolin-2-one;
- 6-[2-(4-Benzo[d]isothiazol-3-yl-piperazin-1-yl)-ethyl]-4,4,8-trimethyl-3,4-dihydro-IH-quinolin-2-one, mesylate salt;
- 6-[2-(4-Benzo[d]isothiazol-3-yl-piperazin-1-yl)-ethyl]-7-chloro-4,4,8-trimethyl-3,4-dihydro-1H-quinolin-2-one methanesulfonate;
- 6-[2-(4-Benzo[d]isothiazol-3-yl-piperazin-1-yl)-ethyl]-7-fluoro-4,4,8-trimethyl-3,4-dihydro-1H-quinolin-2-one hydrochloride;
- 6-{3-[4-(1H-indazol-3-yl)-piperazin-1-yl]-propyl}-4,4-dimethyl-3,4-dihydro-1H-quinolin-2-one;
- 7-chloro-6-[3-(4-1,2-benzisothiazol-3-yl-piperazin-1-yl)-propyl]-4,4-dimethyl-3,4-dihydro-1H-quinolin-2-one;
- 7-chloro-6-[3-(4-1,2-benzisoxazol-3-yl-piperazin-1-yl)-propyl]-4,4-dimethyl-3,4-dihydro-1H-quinolin-2-one;
- 6-[3-(4-1,2-benzisothiazol-3-yl-piperazin-1-yl)-propyl]-4-methyl-3,4-dihydro-1H-quinolin-2-one;

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- 6-[3-(4-1,2-benzisoxazol-3-yl-piperazin-1-yl)-propyl]-4-methyl-3,4-dihydro-1H-quinolin-2 one;
- 6-{3-[4-(1H-indazol-3-yl)-piperazin-1-yl]-propyl}-4-methyl-3,4-dihydro-1H-quinolin-2-one;
- 6-[3-(4-1,2-benzisothiazol-3-yl-piperazin-1-yl)-propyl]-3,3-dimethyl-3,4-dihydro-1H-quinolin-2-one;
- 6-[3-(4-1,2-benzisoxazol-3-yl-piperazin-1-yl)-propyl]-3,3-dimethyl-3,4-dihydro-1H-quinolin-2 one;
- 6-{3-[4-(1H-indazol-3-yl)-piperazin-1-yl]-propyl}-3,3-dimethyl-3,4-dihydro-1H-quinolin-2-one;
- 6-[3-(4-1,2-benzisothiazol-3-yl-piperazin-1-yl)-propyl]-3-methyl-3,4-dihydro-1H-quinolin-2-one;
- 6-[3-(4-1,2-benzisoxazol-3-yl-piperazin-1-yl)-propyl]-3-methyl-3,4-dihydro-1H-quinolin-2 one; and
- 6-{3-[4-(1H-indazol-3-yl)-piperazin-1-yl]-propyl}-3-methyl-3,4-dihydro-1H-quinolin-2-one.

Claims 9-12 (Canceled)

13. (Currently amended) A pharmaceutical composition for treating a disorder or condition selected from single episodic or recurrent major depressive disorders, dysthymic disorders, depressive neurosis and neurotic depression, melancholic depression including anorexia, weight loss, insomnia, early morning waking or psychomotor retardation; atypical depression (or reactive depression) including increased appetite, hypersomnia, psychomotor agitation or irritability, seasonal affective disorder and pediatric depression; bipolar disorders or manic depression, for example, bipolar I disorder, bipolar II disorder and cyclothymic disorder; conduct disorder; disruptive behavior disorder, attention deficit hyperactivity disorder (ADIID); behavioral disturbances associated with mental retardation, autistic disorder, and conduct disorder; anxiety disorders such as panic disorder with or without agoraphobia, agoraphobia without history of panic disorder, specific phobiae, for example, specific minual phobias, social

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anxiety, social phobia, obsossive compulsive disorder, stress-disorders including post traumatic stress disorder and acute stress disorder, and generalized anxiety disorders; borderline personality disorder; -schizophrenia and other-psychotic disorders, for example, schizophreniform disorders, schizoaffective disorders, delusional disorders brief psychotic disorders, shared psychotic disorders, psychotic disorders with delusions or hallucinations, psychotic episodes of anxiety, anxiety associated with psychosis, psychotic mood disorders such as severe major depressive disorder; mood disorders associated with psychotic disorders such as acute mania and depression associated with bipolar disorder; mood-disorders-associated with schizophronia; delirium, dementia, and amnestic and other cognitive or neurodegenerative disorders, such as Parkinson's disease (PD), Huntington's disease (HD), Alzheimer's disease, senile dementia, dementia of the Alzheimer's type, memory disorders, loss of executive function, vascular dementia, and other dementias, for example, due to IIIV disease, head trauna, Parkinson's disease, Huntington's disease, Pick's disease, Creutzfeldt-Jakob disease, or due to multiple etiologies; movement disorders such as akinesias, dyskinesias, including familial paroxysmal dyskinesias, spasticities, Tourette's syndrome, Scott-syndrome, PALSYS and akinetic-rigid syndrome; extra pyramidal movement disorders such as medication induced movement disorders; for example, neuroleptic induced Parkinsonism, neuroleptic malignant syndromo, neuroloptic induced acute dystonia, neuroloptic induced acute akathisia, neurolopticinduced tardive dyskinesia and medication induced postural tremour; chemical dependencies and addictions (e.g., dependencies on, or addictions to, alcohol, heroin, cocaine, benzodiazepines, nicotine, or phonobarbitol) and behavioral addictions such as an addiction to gambling; and ocular disorders such as glaucoma and ischemic retinopathy in a mammal, including a human, comprising an amount of a compound according to claim 149, or a pharmaceutically acceptable salt thereof, that is effective in treating such disorder or condition, and a pharmaceutically acceptable carrier.

14. (Withdrawn) A method for treating a disorder or condition selected from bipolar disorders-or manie depression, for example, bipolar I disorder, and bipolar II disorder, or schizophrenia and other psychotic disorders, for example, schizophreniform disorders, schizophreniform dis

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disorders, psychotic disorders with delusions or hallueinations, psychotic episodes of anxiety, auxicty associated with psychosis, psychotic mood disorders such as severe major depressive disorder; mood disorders associated with psychotic-disorders such as acute mania and depression associated with bipolar disorder; mood disorders associated with schizophrenia; delirium; domentia, and amnestic and other cognitive or neurodegenerative disordors, such as Parkinson's disease (PD), Huntington's disease (HD), Alzheimer's disease, senile dementia, dementia of the Alzheimer's type, memory disorders, loss of executive function, vascular dementia, and other dementias, for example, due to HIV disease, head trauma, Parkinson's disease, Huntington's disease, Piok's disease, Creutzfeldt Jakob-disease, or due to multiple etiologies; movement disorders such as akinesias, dyskinesias, including familial parexysmal dyskinesias, spasticities, Tourette's syndrome, Scott syndrome, PALSYS and akinetic rigid syndrome; extra-pyramidal movement disorders such as medication-induced movement disorders, for example, neuroloptic-induced Parkinsonism, neuroleptic malignant syndrome, neuroloptic induced acute dystonia, neuroloptic induced acute akathisia, neuroleptic induced tardivo dyskinesia and medication-induced postural tremour; chemical-dependencies and addictions (e.g., dependencies on, or addictions to, alcohol, heroin, cocaine, benzodiezepines, nicotine, or phenobarbitel) and behavioral addictions such as an addiction to gambling; and ocular disorders such as glaucoma and ischemic retinopathy in a mammal, including a human, comprising administering to a-the mammal in need of such treatment an amount of a compound according to claim 149, or a pharmaceutically acceptable salt thereof, that is effective in treating such disorder or condition.

- 15. (Withdrawn) A method according to claim 14, wherein the disorder or condition that is being treated is selected from major depression, single episode depression, recurrent depression, child abuse induced depression, postpartum depression, dysthymia, cyclothymia and bipolar disorder.
- 16. (Withdrawn) A method according to claim 14, wherein the disorder or condition that is being treated is selected from schizophrenia, schizoaffective disorder, delusional disorder,

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substance-induced psychotic disorder, brief psychotic disorder, shared psychotic disorder, psychotic disorder due to a general medical condition, and schizophreniform disorder.

Claim 17-30 (Canceled)

(Currently amended) A pharmaceutical composition for treating a disorder or condition 31. selected from single episodic or recurrent major-depressive disorders, dysthymic disorders, depressive neurosis and neurotic depression, melancholic depression-including anorexia, weight loss, insomnia, early morning waking or psychomotor retardation; any pical depression (or reactive depression) including increased appetite, hypersomnia, psychomotor agitation or irritability, seasonal affective disorder and pediatric depression; bipolar disorders or manic depression, for example, bipolar I disorder, bipolar II disorder and eyelethymic disorder; conduct disorder; disruptive behavior disorder; attention deficit hyperactivity disorder (ADHD); behavioral disturbances associated with mental retardation, autistic disorder, and conduct disorder; anxiety disorders such as panic disorder with or without agoraphobia, agoraphobia without history of panie disorder, specific phobias, for example, specific animal phobias, social anxiety, social phobia, obsessive compulsive disorder, stress disorders including post-transmatic stress disorder and acute stress disorder, and generalized anxiety disorders; borderline personality disorder; schizophrenia and other psychotic disorders, for example, schizophreniform disorders, schizoaffective disorders, delusional disorders brief-psychotic disorders, shared psychotic disorders, psychotic disorders with delusions or hallucinations, psychotic episodes of anxiety, anxiety-associated with psychosic, psychotic mood disorders such as severe major depressive disorder; mood disorders associated with psychotic disorders such as acute mania and depression associated with bipolar disorder; mood-disorders-associated with schizophrenia; delirium, dementia, and amnestic and other cognitive or neurodegenerative disorders; such as Parkinson's disease (PD), Huntington's disease (HD), Alzheimer's disease, senile domentia, dementia of the Alzheimer's type, memory-disorders, less of executive function, vascular dementia, and other dementias, for example, due to HHV diseaso, head trauma, Parkinson's disease, Huntington's disease, Pick's diseaso, Creutzfeldt-Jakob diseaso, or due to multiple etiologies; movement disorders such as akinesias, dyskinosias, including

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familial paroxyomal dyskinosias, spasticities, Tourette's cyndrome. Scott-syndrome. PALSYS and akinetic rigid syndrome; extra pyramidal movement disorders such as medication induced movement disorders, for example, neuroleptic induced Parkinsonism, neuroleptic malignant syndrome, neuroleptic induced acute dystonia, neuroleptic induced acute akathisia, neuroleptic-induced tardive dyskinesia and medication induced postural tremour; chemical dependencies and addictions (e.g., dependencies on, or addictions to, alcohol, heroin, cocaine, benzediazepines, nicotine, or phenobarbitol) and behavioral addictions such as an addiction to gambling; and ocular disorders such as glaucoma and ischemic retinepathy in a mammal, including a human, comprising an amount of a compound according to claim \$50, or a pharmaceutically acceptable salt thereof, that is effective in treating such disorder or condition, and a pharmaceutically acceptable carrier.

Claim 32-48 (Canceled)

- 49. (New) A compound which is 6-[2-(4-benzo[d]isothiazo1-3-yl-piperazin-1-yl)-ethyl]-8-chloro-4,4-dimethyl-3,4-dihydro-1H-quinolin-2-one and pharmaceutically acceptable salts thereof.
- 50. (New) A compound which is 6-[2-(4-benzo[d]isothiazol-3-yl-piperazin-1-yl)-ethyl]-8-chloro-4,4-dimethyl-3,4-dihydro-1H-quinolin-2-one hydrochloride.